



LAW OFFICES  
**HILL, KERTSCHER & WHARTON, LLP**  
RIVERWOOD 100 • 3350 RIVERWOOD PARKWAY • SUITE 800  
ATLANTA, GEORGIA 30339  
(770) 953-0995 • FAX (770) 953-1358

*Katherine R. Lahnstein*

[krl@hkw-law.com](mailto:krl@hkw-law.com)

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United States Patent and Trademark Office  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Please find enclosed a marked up copy of the claims, pursuant to 37CFR 1.125, and a clean copy of the entire specification and claims, and the appropriate substitute specification.

Please contact me should you have any questions or request additional information.  
Thank you for your attention to this matter.

Sincerely,

*Katherine Lahnstein*  
Katherine R. Lahnstein

KRL/lfs  
Encl.

**CLAIMS**

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Mindful of the foregoing, I claim:

1. A smoke detecting power strip comprising:

smoke detector vent holes;  
one male A/C power plug;  
an ionization sensor smoke detector;  
a smoke detection control switch  
and at least one female A/C power plug.

2. The device of claim 1, wherein there is any number and configuration of female A/C power plugs.

3. The device of claim 2, further comprising the method of automatic power shutoff to the female A/C power plugs, comprising the steps of:

(a) detecting smoke by the ionization sensor smoke detector  
(b) creating a trigger voltage  
(c) said trigger voltage causing the smoke detection control switch to move to the 'open' position;  
(d) said 'open' position automatically cutting off power to the female A/C power plugs.

4. A smoke detecting power strip comprising:

smoke detector vent holes;  
one male A/C power plug;  
an ionization sensor smoke detector;  
a smoke detection control switch  
an Uninterruptible Power Source;  
and at least one female A/C power plug.

5. The device of claim 4, wherein there is any number and configuration of female A/C power plugs.

125 | 6. The device of claim 5, further comprising the method of automatic power shutoff to  
the female A/C power plugs, comprising the steps of:

- (a) detecting smoke by the ionization sensor smoke detector
- (b) creating a trigger voltage
- (c) said trigger voltage causing the smoke detection control switch to move to  
the 'open' position;
- 130 | (d) said 'open' position automatically cutting off power to Uninterruptible  
Power Source.

135 | 7. A smoke detecting power strip comprising:  
smoke detector vent holes;  
one male A/C power plug;  
a photodiode sensor smoke detector;  
a smoke detection control switch  
and at least one female A/C power plug.

140 | 8. The device of claim 7, wherein there is any number and configuration of female A/C  
power plugs.

145 | 9. The device of claim 8, further comprising the method of automatic power shutoff to  
the female A/C power plugs, comprising the steps of:

- (a) detecting smoke by the photodiode sensor smoke detector
- (b) creating a trigger voltage
- (c) said trigger voltage causing the smoke detection control switch to move to  
the 'open' position;
- 150 | (d) said 'open' position automatically cutting off power to the female A/C  
power plugs.

155 | 10. A smoke detecting power strip comprising:  
smoke detector vent holes;  
one male A/C power plug;

a photodiode sensor smoke detector;  
a smoke detection control switch  
an Uninterruptible Power Source;  
and at least one female A/C power plug.

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11. The device of claim 10, wherein there is any number and configuration of female A/C power plugs.

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12. The device of claim 11, further comprising the method of automatic power shutoff to the Uninterruptible Power Source, comprising the steps of:

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- (a) detecting smoke by the photodiode sensor smoke detector
- (b) creating a voltage trigger
- (c) said voltage trigger causing the smoke detection control switch to move to the 'open' position;
- (d) said 'open' position automatically cutting off power to the Uninterruptible Power Source.

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13. The device and method of claim 6, further comprising the step of automatically cutting off power to both the female power plugs and the Uninterruptible Power Source.

14. The device and method of claim 12, further comprising the step of automatically cutting off power to both the female power plugs and the Uninterruptible Power Source.

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15. The device and method of claim 6, further comprising one or more of the following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke detector, a Test switch for GF circuit breaker.

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16. The device and method of claim 12, further comprising one or more of the following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke detector, a Test switch for GF circuit breaker.

- 190 17. A smoke detecting power strip comprising:  
smoke detector vent holes;  
one male A/C power plug;  
a beam interference smoke detector;  
a smoke detection control switch  
and at least one female A/C power plug.
- 195 18. The device of claim 17, wherein there is any number and configuration of female A/C power plugs.
- 200 19. The device of claim 18, further comprising the method of automatic power shutoff to the female A/C power plugs, comprising the steps of:  
(a) detecting smoke by the beam interference smoke detector  
(b) creating a trigger voltage  
(c) said signal causing the smoke detection control switch to move to the 'open' position;  
205 (d) said 'open' position causing the cut off of power to the female A/C power plugs.
- 210 20. A smoke detecting power strip comprising:  
smoke detector vent holes;  
one male A/C power plug;  
a beam interference smoke detector;  
a smoke detection control switch  
an Uninterruptible Power Source;  
and at least one female A/C power plug.
- 215 21. The device of claim 20, wherein there is any number and configuration of female A/C power plugs.
- 220 22. The device of claim 21, further comprising the method of automatic power shutoff to the female A/C power plugs, comprising the steps of:  
(a) detecting smoke by the beam interference smoke detector

(b) creating a trigger voltage

(c) said trigger voltage causing the smoke detection control switch to move to the 'open' position;

225 (d) said 'open' position cutting off power to Uninterruptible Power Source.

23. The device and method of claim 22, further comprising one or more of the following: surge protection, a GF circuit breaker, an audible smoke alarm, a Smoke Detected indicator light, a Power ON/OFF indicator light, a Test switch for smoke  
230 detector, a Test switch for GF circuit breaker.

24. The device and method of claim 22, further comprising the step of automatically cutting off power to both the female power plugs and the Uninterruptible Power Source.